ADVANCED BURNER TECHNOLOGIES

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# TELECOPY COMMUNICATION

**DATE:** 9/30/03 **FAX NO.:** (435) 864-6670

**ATTENTION OF:** James Nelson

**COMPANY'S NAME:** Intermountain Power Service Corp.

**NUMBER OF PAGES (INCLUDING COVER SHEET):** 2

**FROM:** Sal Ferrara

**VERIFICATION NUMBER:** (908) 470-0721

**ABT CORPORATION'S TELECOPY NUMBER:**

(908) 470-0479 – Xerox Automatic (Set to receive 24 hours a day)

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**REMARKS:** Contract 04-45606 - Burner Design Info Request

See attached letter listing information we currently need for our burner design. Please let me know whether or not this information is readily available for your submittal to us.

Note that our address has changed to the one shown in he heading of this fax. We are in the process of also obtaining letter head paper with our new address.

ADVANCED BURNER TECHNOLOGIES

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September 30, 2003

Mr. George W. Cross, President and CEO
Intermountain Power Service Corporation
850 West Brush Wellman Road
Delta, Utah 84624

Attention: James Nelson, Contract Administrator

Reference: Contract 04-45606 -Unit 2 Low NOx Burners

Dear Mr. Nelson:
We are progressing with design of the IGS Unit 2 burners and in the process have determined that we require the below listed information to complete our design:

1. What is the diameter of the hole in the windbox for the existing burners. We intend to stay within this diameter for installation of our burners if possible to minimize field work. The drawing IPSC provided us of the existing burners shows a dimension for this, however the actual dimension is omitted from our version.

2. IPSC provided us with an average primary air mass flow of 3500 lbs/min at Unit load of 950 MW. What is the corresponding steam flow under this load condition.

3. What is OD and length of outer Oil gun tube and mounting tube bolt pattern? On drawing you provided us (269375E, Rev. 10) there are 2 drawings listed that would give us this information, drawings 135723A and 135724A. Please forward these drawings if available.

4. What is the number and diameter of bolt holes, as well as the bolt hole circle, for the existing elbow outlet flange? We also need to know the bolt hole orientation of the elbow outlet for each burner (i.e. is top bolt on the vertical centerline or does is straddle the vertical centerline)?

5. What is the size of register support brackets (channel or tube?) that run between the tube wall and the windbox wall. These are shown on drawing you provided us 294359E, however there aren't any dimension on our version.

6. What is the fuel injector tip set back dimension, from the tube wall, for the existing burners?

Please provide us with this information ASAP or advise should you require clarification on any of this requested information.

Sincerely yours,

Sal N. Ferrara

cc: C. Onaitis